



Enter a Chemical Name, CAS Number, Molecular Formula or Weight.

Use \* for partial names (e.g. ben\*).

Search here for free. For professional searching, use [ChemINDEX](#).

 

## Sodium Metabisulfite [7681-57-4]

Synonyms: Disodium disulfite; Disodium Salt Pyrosulfurous Acid; Disulfurous acid, disodium salt; Pyrosulfurous acid, disodium salt; Sodium Metabisulfite; Sodium disulfite; Sodium Pyrosulfite;

 <chem>Na+-O=S(=O)-S(=O)-O-Na+</chem>	<b>Tools</b> <a href="#">BUY AT CHEMACK.COM</a> <a href="#">VIEW CHINADRUG STRUCT</a> <a href="#">VIEW CHEM3D MODEL</a>  <b>CAS RN Lookup</b> <a href="#">THE MERCK INDEX</a> <a href="#">NCI DATABASE</a>	<b>OpenChem</b> <a href="#">VISIT LINKS</a> <a href="#">ADD COMPOUND</a> <a href="#">ADD/CHANGE PROPERTY</a> <a href="#">ADD LINK</a>
--	---	---

Formula	$\text{Na}_2\text{O}_5\text{S}_2$	Molecular Weight	190.09654
CAS RN	7681-57-4	Melting Point (°C)	150
ChEMBLCODE	X1000123-9	Boiling Point (°C)	
Density	1.48	Vapor Density	
Refractive Index		Vapor Pressure	
Evaporation Rate		Water Solubility	Freely soluble
Flash Point (°C)		EPA Code	
GHS Number	NA 2693 ORM-B	RTECS	UX8225000
Comments	white crystals or powder with odor of sulfur dioxide. AIR/MOISTURE SENSITIVE.		

More information about the chemical is available in these categories:

[Health](#)

[Misc](#)

[MSDS](#)

[Pesticides/Herbicides](#)

[Physical Properties](#)

[Regulations](#)

[Trading](#)

[Health \(1\)](#)

[Australian Atmospheric Exposure Standards](#)

Information about this particular compound

Misc (2)

Bostick & Sullivan Inc.Chemical managementInformation about this particular compound

MSDS (1)

New Jersey Right to Know Hazardous Substance Fact SheetsInformation about this particular compound

Pesticides/Herbicides (1)

USEPA / OPP's Chemical Ingredients DatabaseInformation about this particular compound

Physical Properties (2)

ABCR GmbH&Co KGSodium metabisulfite, 97%Indiana Relative Chemical Hazard Score (IRCHS)

Regulations (3)

California EPA List of ListsGuide to NIOSH/OSHA Air Sampling MethodsInformation about this particular compoundOSHA Chemical Sampling and MethodsInformation about this particular compound

Trading (1)

Available Chemicals ExchangeInformation about this particular compound

Enter a Chemical Name, CAS Number, Molecular Formula or Weight.

Use \* for partial names (e.g. ben\*).

Search here for free. For professional searching, use ChemINDEX.

©2004 CambridgeSoft Corporation. All Rights Reserved. [Privacy Statement](#)

Email [info@chemfinder.com](mailto:info@chemfinder.com) / [support@chemfinder.com](mailto:support@chemfinder.com)

Tel 1 800 315-7300 / 1 617 588-9390 Fax 1 617 588-9390

EU Tel 00 800 875 20000 / +44 1223 464900 EU Fax +44 1223 464990

CambridgeSoft Corporation, 100 CambridgePark Drive, Cambridge, MA 02140 USA

CambridgeSoft Corporation, 8 Signet Court, Swanns Road, Cambridge CB5 8LA UK

All trademarks are the property of their respective holders.

L Number	Hits	Search Text	DB	Time stamp
4	15	plant with homogeni\$6 same ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 15:52
5	30	plant same homogeni\$6 same ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 15:49
6	15	(plant same homogeni\$6 same ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite)) not (plant with homogeni\$6 same ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite)) )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 15:52
7	0	pogue-gregory.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 15:53
8	2	pogue.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 15:53
9	6	lindbo.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 15:55
10	14	mcculloch.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:00
11	179	lawrence.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:01
12	0	lawrence-jonathan-e.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:02

13	0	lawrence-j.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:02
14	19	gross.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:04
15	18	(gross.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite)) ) not (mcculloch.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite)) )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:03
16	0	gross-cynthia.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:03
17	0	gross-c.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:03
18	4	gross.in. and plant and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:04
19	12	garger.in. and plant and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:05
20	11	(garger.in. and plant and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite)) ) not (gross.in. and ((sodium adj metabisulfite) or Na2S2O5 or Na2O5S2 or "7681-57-4" or (disodium adj salt pyrosulfurous adj acid) or (disulfurous adj acid) or (disodium adj salt) or (pyrosulfurous adj acid) or (sodium adj disulfite) or (sodium adj pyrodisulfite)) )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 16:05

L Number	Hits	Search Text	DB	Time stamp
6	0	plant same virus same butanol same chlorophorm same lyophilili\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 16:51
7	0	virus same butanol same chlorophorm same lyophilili\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 16:51
8	0	virus same butanol same chlorophorm	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 16:51
9	3	virus and butanol and chlorophorm	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 17:03
10	170	plant same virus same butanol same chloroform	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 17:04
11	11	plant same virus same butanol same chloroform	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 17:07
14	5	(plant same virus same butanol same chloroform) and lyophilili\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 17:09
15	51	plant same virus same lyophilili\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 17:13
16	17	virus same lyophilili\$6 same (mak\$3 or prepar\$3 or purif\$4).clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/23 17:13

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 16:14:18 ON 15 JUN 2004

L1           0 S PLANT AND HOMOGENI? AND (SODIUM ADJ METABISULFITE)  
L2           0 S PLANT AND HOMOGENI? AND (DISODIUM DISULFITE)  
L3           0 S PLANT AND HOMOGENI? AND (DISODIUM SALT PYROSULFUROUS)  
L4           0 S PLANT AND HOMOGENI? AND (DISULFUROUS ACID)  
L5           0 S PLANT AND HOMOGENI? AND (DISODIUM SALT)  
L6           0 S PLANT AND HOMOGENI? AND (PYRODISULFUROUS ACID)  
L7       2636 S (DISODIUM DISULFITE) OR (SODIUM METABISULFITE) OR (DISODIUM S  
L8       2748 S (PYROSULFUROUS ACID) OR (DISODIUM SALT) OR (SODIUM METABISULF  
L9       2748 S L7 OR L8  
L10      2931 S PLANT AND HOMOGENI?  
L11           0 S L10 AND L7  
L12           0 S L10 AND L8  
              E GARGER S/AU  
L13       44 S E3 OR E4 OR E5 OR E6 OR E7 OR E8 OR E9  
L14       3 S L13 AND L10  
L15       3 DUP REM L14 (0 DUPLICATES REMOVED)  
             E POGUE G/AU  
              E POGUE GREGORY/AU  
L16       27 S E4  
L17       0 S L16 AND L10  
             E LINDBO J/AU  
L18       29 S E4 OR E5  
L19       0 S L18 AND L10  
             E GROSS CYNTHIA/AU  
L20       3 S E6